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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Tony Chun-Hung Huang; Hai Thanh Ho	Confirmation No.	8868
Serial No.:	09/813,243	Customer No.:	28863
Filed:	March 20, 2001	Examiner:	Chat C Do
		Group Art Unit:	2121
		Docket No.:	1081-033US01

Title: DIGITAL SINE/COSINE WAVE GENERATOR

CERTIFICATE UNDER 37 CFR 1.8: I hereby certify that this correspondence is being deposited with the United States Post Service, as First Class Mail, in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on

March 25, 2005

By:

Angela Watson

Name: Angela Watson

**POWER OF ATTORNEY BY ASSIGNEE  
AND REVOCATION OF PREVIOUS POWERS**

Commissioner for Patents  
Alexandria, VA 22313-1450

Dear Sir:

Seagate Technology LLC ("Assignee"), having a place of business at 1280 Disc Drive, Shakopee, MN 55379-1863, states that it is the Assignee of the entire right, title, and interest in the application/patent identified above and represents that the undersigned is a representative authorized and empowered to sign on behalf of the Assignee.

Assignee has reviewed the assignment document that evidences the placement of title in the Assignee, a copy of which is attached.

Pursuant to 37 C.F.R. §§ 1.36 and 3.71, the Assignee hereby revokes any existing Powers of Attorney, if any, and appoints the following attorneys and/or patent agents to prosecute this application and to transact all business in the U.S. Patent and Trademark Office in connection with the above-identified application:

Steven J. Shumaker	Reg. No. 36,275	Daniel J. Hanson	Reg. No. 46,757
Kent J. Sieffert	Reg. No. 41,312	Kelly P. Fitzgerald	Reg. No. 46,326
Jason D. Kelly	Reg. No. 54,213	Kari H. Bartingale	Reg. No. 35,183
H. Sanders Gwin, Jr.	Reg. No. 33,242	Kirk A. Cesari	Reg. No. 47,479
Joseph F. Villella, Jr.	Reg. No. 30,599	Jennifer M. Buenzow	Reg. No. 50,124

Pursuant to §3.71, the Assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventor(s).

Please direct all future correspondence in this application to:

H. Sanders Gwin, Jr.  
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Date: 3-23-05

Assignee of Interest: Seagate Technology LLC

By: [Signature]  
Name: Kirk A. Cesari  
Title: Patent Attorney

Address of Assignee of Interest:  
1280 Disc Drive  
Shakopee, MN 55379-1863